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[I Gerson](#)
[D Borth](#)
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[M Jansen](#)
[Hands-free control system for a radiotelephone - all 5 versions »](#)

DE Borth, IA Gerson, RJ Vilimur - US Patent 4,737,976, 1988 - Google Patents

 ... is utilized in a vehicular **environment**, the high degree of ambient **noise** inherent in a vehicle presents a considerable problem to reliable **voice control**. ...

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[Voice control of the pan-European digital mobile radio system](#)

 CB Southcott, D Freeman, G Cosier, D Sereno, A van ... - Global Telecommunications Conference, 1989, and Exhibition. ... , 1989 - [ieeexplore.ieee.org](#)

 ... at the transmitting end by a **voice** activity detector ... superimposed on **environmental noise** and **noise** without speech ... of the VAD is used to **control** a transmitter ...

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[Voice activity detection for cellular networks](#)

 K Srinivasan, A Gersho - Speech Coding for Telecommunications, 1993. Proceedings., ... , 1993 - [ieeexplore.ieee.org](#)

 ... A **voice** activity detector (VAD) typically exploits two kinds ... two VADs, so that the **control** switches back ... performance in a high **noise environment** The basic ...

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[Method for entering digit sequences by voice command - all 4 versions »](#)

IA Gerson, BL Lindsley - US Patent 4,870,686, 1989 - Google Patents

 ... able obstacle to reliable **voice control**. ... sensitivity causes a large increase in the amount of **environmental** background **noise** being applied to the ...

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[Voice activity detection driven noise remediator - all 4 versions »](#)

TJ Janiszewski, MC Recchione - US Patent 5,657,422, 1997 - Google Patents

 ... which has been encoded in a noisy **environment**. ... nW|j Speech Attenuator/ Comfort **Noise** Inserter ^270 ... PUBLICATIONS CB Southcott, et al., "**Voice Control** of the Pan ...

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[The voice activity detector for the Pan-European digital cellular mobile telephone service - all 2 versions »](#)

 DK Freeman, G Cosier, CB Southcott, I Boyd - Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., ... , 1989 - [ieeexplore.ieee.org](#)

 ... **Voice** Activity Detector Renault R25 GTX. ... microphone is more sensitive to the background **noise** and secondly ... on the handsfree condition due to the volume **control**. ...

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[Study of a voice activity detector and its influence on a noise reduction system - all 4 versions »](#)

R Le Bouquin-Jeannès, G Faucon - Speech Communication, 1995 - Elsevier

 ... The **Voice** Activity Detector based on the MSC approach provides information on signal presence and allows to **control** the **noise** reduction system. ...

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... first frequency, and updates the **voice** signal parameter ... update time constant for
control -ling the ... 15 including background **noise**, the instructions comprising: ...

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[\[PDF\] Virtual Environment Interaction Techniques - all 11 versions »](#)

M Mine - UNC Chapel Hill Computer Science Technical Report TR95-018, 1995 - cvmt.dk
... him through the virtual world under program **control**. ... selection: As an alternative
to **voice** recognition, some ... distance selection that result from **noise** in the ...

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[Voice control circuit for a communication terminal - all 5 versions »](#)

M Walker, G Kohler - US Patent 4,891,837, 1990 - Google Patents
... volume which is approximately equal to the loudness of his own **voice**. ... set point,
is made to vary by a **control** circuit as a func -tion of the ambient **noise**. ...

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Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

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Speech processing in a high ambient noise environment

 H Drucker - Audio and Electroacoustics, IEEE Transactions on, 1968 - [ieeexplore.ieee.org](#)

 ... 1101 I. Pollack, "**Speech** communication at high **noise** levels: the roles of **noise**-operated gain **control** system and hearing protection," J. Acoust. ...

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Construction of Speech Corpus in Moving Car Environment

N Kawaguchi, S Matsubara, H Iwa, S Kajita, K ... - Sixth International Conference on Spoken Language Processing, 2000 - ISCA

 ... cle-**control** signals, and vehicle location, all synchronized with ... system (ITS), robust **speech** recognition in a high-**noise environment**, and understanding of ...

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[book] The Effects of Noise on Man - all 6 versions »

 KD Kryter - 1970 - [osti.gov](#)

 ... and **noise**-induced hearing loss on **speech** communications; damage ... measurements used for the assessment and **control** of **environmental noise**; federal standards ...

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 ... high background **noise environment**. Controller block 430, consisting of **control** unit 434 and directory memory 432, serves to interface **speech** recognition block ...

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Speech enhancement for non-stationary noise environments - all 12 versions »

 I Cohen, B Berdugo - Signal Processing, 2001 - [Elsevier](#)

 ... with the **noise**, and not biased upwards during "continuous" **speech**. ... on the other hand, should **control** the bias downwards when the **noise** level increases ...

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Development of a test of speech intelligibility in noise using sentence materials with controlled ... - all 3 versions »

 DN Kalikow, KN Stevens, LL Elliott - The Journal of the Acoustical Society of America, 1977 - [link.aip.org](#)

 ... and of the transmission of information by **speech**. Acoustics. **Noise**: its effects and **control**. Effects of **noise** on man and society, **environmental noise**

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Analysis and compensation of speech under stress and noise for environmental robustness in speech ... - all 9 versions »

 JHL Hansen - **Speech** Communication, 1996 - [Elsevier](#)

 ... per- formed with (ii) **speech** produced under ... conditions allowed for careful **control** of vocabulary, task requirements and background **noise** character- istics ...

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 K Srinivasan, A Gersho - **Speech** Coding for Telecommunications, 1993. Proceedings., ..., 1993 - [ieeexplore.ieee.org](#)

... energy have difficulty distinguishing between **speech** and **noise** ... two VADs, so that the **control** switches back ... performance in a high **noise environment** The basic ...
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[RASTA processing of **speech**](#) - [all 6 versions »](#)

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... slow change in the frequency characteristics of the communication **environment** or why steady background **noise** does not severely impair human **speech** communication ...
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... it is not possible to **control** the acoustic ... inherently robust parameters for **speech**; **speech** enhancement techniques ... and model-based **noise** compensation techniques. ...
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[H Hirsch](#)

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HG Hirsch, D Pearce - ASR2000-Automatic **Speech Recognition**: Challenges for the new ..., 2000 - ISCA
 ... care has been taken to **control** the filtering of ... Subsets of the SpeechDat-car data collection [5 ... ASR2000 - Automatic **Speech Recognition**: Challenges for the new ...
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JD Reed, RM Harrison, WJ Rozanski Jr - US Patent 5,371,901, 1994 - Google Patents
 ... Now when the portable is used outside the **car** to ... under the **control** of the microprocessor controller 440, ters of the voice **recognition** system to enhance the 10 ...
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 ... An Intelligent Interface for Keyboard and Mouse **Control**--Providing Full ... M., Waibel,A. Towards Spontaneous **Speech Recognition** For On-Board **Car** Navigation And ...
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CT Lin, CSG Lee - IEEE Transactions on Computers, 1991 - portal.acm.org
 ... M. Nishida, "Fuzzy **control** of model **car**," <i>Fuzzy ... for nonlinear self-tuning adaptive **control**,</i> in <i>Proc. ... networks and fuzzy logic in **speech recognition**,</i> in <i>...
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[Linguatronic product-level **speech** system for Mercedes-Benz cars - \[all 3 versions »\]\(#\)](#)

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 ... will have **speech control** as an option, and, in our ... 2000): Feds fear high-tech **car** gear. ... J. (2000): Automakers struggle with **speech recognition** technology (03 ...
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GA Salazar, DS Haynes, MJ Sommers - US Patent 5,774,841, 1998 - Google Patents
 ... An adaptive **speech recognition** and **control** system and method lor controlling various mechanisms and systems in response to spoken instructions and in which ...
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N Kawaguchi, S Matsubara, H Iwa, S Kajita, K ... - Sixth International Conference on Spoken Language Processing, 2000 - ISCA
 ... collecting **speech** corpora in moving **cars** which are ... cle-**control** signals, and vehicle location, all synchronized ... system (ITS), ro- bust **speech recognition** in a ...
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[SWITCHBOARD: telephone **speech** corpus for research and development - \[all 2 versions »\]\(#\)](#)

JJ Godfrey, EC Holliman, J McDaniel - Acoustics, **Speech**, and Signal Processing, 1992. ICASSP-92., ..., 1992 - [ieeexplore.ieee.org](#)

... to ten minutes' duration, **car**- ried on ... in both speaker authentication and **speech recognition** for telephone ... col- lected under computer **control**, without human in ...

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Towards Spontaneous Speech Recognition for On-Board Car Navigation and Information Systems

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M Westphal, A Waibel - ... European Conference on **Speech** Communication and Technology, 1999 - ISCA

... The first **speech** based approach to include other **control** functions like selecting the radio ... Compared to continuous **speech**, the **recognition** process is ...

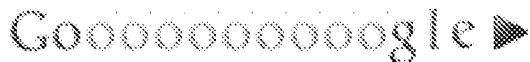
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A Moreno, B Lindberg, C Draxler, G Richard, K ... - Corpus - perso.enst.fr

... To obtain an optimal performance for **speech recognition**, it is necessary ... languages and for in-**car** applications (voice dialling, **car** accessories **control**, etc ...

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